

**GOING BEYOND YOUR
NETWORKING NEEDS**



DEDICATED PRIVATE NETWORKS PROVIDING THE COVERAGE YOU NEED

Whether you're looking for everyday, mission-critical communications or backup protection for your primary network, ViaSat Managed Broadband Services can provide the satellite coverage you need.

Our broadband services can be tailored to fit your business's exact communications requirements, allowing you maximum throughput with lower operating costs.

VIASAT MANAGED BROADBAND SERVICES ARE POWERED BY LINKSTAR® SYSTEM



The LinkStar System offers numerous bandwidth-efficient access schemes specifically designed for both broadband and narrowband services, including:

BoD (Bandwidth on Demand), a best-effort allocation of available bandwidth

CIR (Confirmed Information Rate) for guaranteed bandwidth allocations

CIR Reallocation enabling service providers to maximize profits by oversubscribing their CIR commitments

Slotted aloha with packet retransmission for reliable transmissions of narrowband transactional data such as point of sale and lottery

Application Triggered BoD automatically selects the optimum access scheme based upon the customer application

Application Triggered CIR automatically assigns a CIR bandwidth allocation based upon the customer application

Multiframe BoD smoothes heavy traffic usage peaks in very large networks

Multiframe CIR provides small guaranteed bandwidth allocations for narrowband applications such as stock exchanges and SCADA

ViaSat Managed Broadband is a true turnkey broadband-on-demand service that provides seamless satellite connectivity as part of your network operations and includes:

- 24/7 managed network
- Planning and support of space segment
- Complete management of service & equipment
- Network operations and maintenance
- Installation
- Integration services
- Total field support
- Managed VPN services
- Integration into a MPLS backbone

Our Managed Broadband Services can free you from the tangle of the terrestrial grid. You don't have to hire technical experts to build your own private and secure network. Our 24/7 Network Operations Center will be here to support you whenever you need it.

There's no better way to run your business more efficiently and keep your communications flowing seamlessly in real time. After all, time is money, and by implementing ViaSat Managed Broadband Services you will see the results add up quickly, right where it counts – at your bottom line.





VIASAT MANAGED BROADBAND SERVICES OFFER 24/7 MANAGED SATELLITE NETWORK COMMUNICATIONS, COMPLETE WITH:

RELIABILITY & SECURITY

There are no lines to break and our managed broadband network offers you more security than terrestrial communications.

SINGLE POINT OF CONTACT

With our managed services, you get an integrated solution for multiple sites through our unified network architecture, providing you the coverage you need, anywhere you may need it.

COMPLETE FLEXIBILITY

We will help you determine your needs, design your network, and then guide you through the installation, training, and configuration. Through this approach, we can deliver the network connections you need, at any location you desire. Plus, you get peace of mind knowing that you will always have the backing of ViaSat's unsurpassed engineering, field service, and customer support center.

VIRTUAL PRIVATE NETWORKING

With ViaSat Virtual Private Networking, there is no need to maintain dedicated satellite circuits. Instead, users can access broadband as needed, based on monthly usage and data rate requirements. Or you can choose a plan that gives you always-on connections. With satellite's wide area coverage, cost is independent of the length of the connection and service is accessible from virtually any location in North America.

We realize that one of the challenges facing today's service providers is the complexity of managing networks with multiple VLAN endpoints. Within these networks, service providers may support several end customers from a single remote terminal. Examples of this type of topology can be found in office buildings, oil rigs and shopping centers. Each customer wants and expects a private connection to a home office. ViaSat Managed Broadband Service using LinkStar addresses this issue with its IEEE 802.1Q protocol extension (VLAN Tagging) feature which enables a single remote terminal to support several separate local area networks.

VIASAT EXPERTISE

Our goal is to take the complexity out of satellite communications and make it simple for you to connect and provide the services that your business needs. ViaSat has been providing VSAT data communications solutions and services for over 20 years. We manage services for some very unique systems for customers in North America and support many regional service provider partners who provide full satellite network services.

VIASAT MANAGED BROADBAND SERVICES INCLUDE:

- » System Evaluation and Design
- » Network Management via:
 - Network Operations Centers
 - On-Site Facilities Management
- » Program Management of Large System Rollouts
- » Remote Site Installation and Maintenance
- » Space Segment Management
- » Network Optimization Services
- » Disaster Recovery Services
- » Repair Services
- » Training
- » Network Engineering Consulting

NUMEROUS APPLICATIONS, UNSURPASSED SUPPORT



IP BROADCAST/MULTICAST SERVICES

- Business Television
- Distance Education
- Content Distribution
- POP for Tier 2 & 3 ISPs
- Corporate & University Extranets
- Virtual Private Networks (VPN)
- Web Hosting
- Publishing & Content Distribution
- E Commerce (Business to Business)
- Web Surfing
- E-Mail
- Inter-NET/Intra-NET
- VoIP
- Video Conferencing
- Video Surveillance & Monitoring
- Gaming

INDUSTRIES SERVED

- Education
- Healthcare
- Construction
- Finance & Insurance
- Hotel & Recreation
- Oil & Gas
- Networking Services
- Maritime
- Retail
- Entertainment
- Wholesale Distributors
- News Media
- Government
- Publishing
- Food & Beverage
- Quick Serve & Casual Dining Restaurants

For a flexible broadband network that meets your specific business needs, we invite you to take a closer look at ViaSat Managed Broadband Services. We'd like to show you how ViaSat can solve your networking challenges and help you run your business better. For more information visit our website at www.viasat.com/vmbs or for a quote please send us an email at vmbs@viasat.com.

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